



# **Biospecimen Manual**

## **Sampling, Preparation, and Shipment of Clinical Samples**

### **Protocol Number 18-518**

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# PUBLICATIONS

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## NEUROLOGY

### Cell Therapies for Parkinson's Disease

2019 - *Clinical and Translational Science* - 12 (2): 95-97

Stefan Irion

*Irion* presents a summary of Parkinson's disease and cell therapeutic approaches. [Read More »](#)

### Human Embryonic Stem Cell-Derived Oligodendrocyte Progenitors Remyelinate the Brain and Rescue Behavioral Deficits following Radiation

2015 - *Cell Stem Cell* - 16 (2): 198-210

Piao, J., Major, T., Auyeung, G., Policarpio, E., Menon, J., Droms, L., Gutin, P., Uryu, K., Tchieu, J., Soulet, D., Tabar, V.

*Piao et al* illustrate that pluripotent stem cells can be used to derive glial cells (oligodendrocytes) which show significant response benefit in pre-clinical models of radiation brain injury. [Read More »](#)

### Dopamine neurons derived from human ES cells efficiently engraft in animal models of Parkinson's disease

2011 - *Nature Letter* - 480: 547-551

Kriks, S., Shim, J., Piao, J., Ganat, Y.M., Wakeman, D.R., Xie, Z., Carrillo-Reid, L., Auyeung, G., Antonacci, C., Buch, A., Yang, L., Beal, M.F., Surmeier, D.J., Kordower, J.H., Tabar, V., Studer, L.

*Kriks et al* document pre-clinical model experience in Parkinson's disease, establishing the foundation for translation. [Read More »](#)

### Deriving Human ENS Lineages for Cell Therapy and Drug Discovery in Hirschsprung's Disease

2016 - *Nature* - 431 (7592): 105-109